

**Complete if Known**

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MS1-1479US

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/609,329
				Filing Date	Jun 27, 2003
				First Named Inventor	Batterberry
				Group Art Unit	2867 2863
				Examiner Name	GHARIOUI, MOHAMED
				Attorney Docket Number	MS1-1479US
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
tl		2002/0048448		Daniels	04-25-2002	
		6,327,421		Tiwari et al.	12-04-2001	
		6,014,706		Cannon et al.	01-11-2000	
		6,314,492		Allen et al.	11-06-2001	
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		5,978,567		Rebane et al.	11-02-1999	
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		5,057,932		Lang	10-15-1991	
		4,963,995		Lang	10-16-1990	
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		6,343,298		Savchenko et al.	01-29-2002	
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	tl		6,292,834		Ravi et al.	09-18-2001

FOREIGN PATENT DOCUMENTS								
Examiner (Initials)*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Yes
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

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	Application Number	10/609,329	
	Filing Date	Jun 27, 2003	
	First Named Inventor	Batterberry	
	Group Art Unit	2857 2863	
	Examiner Name	CHARIOT, MOHAMED	
	Attorney Docket Number	MS1-1479US	
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
th		PAKNIKAR, Shantanu, et al. "A Caching and Streaming Framework for Multimedia," ACM Multimedia 2000, Los Angeles, CA; pp. 13-20.	
th		GUO, Katherine, et al. "RCache: Design and Analysis of Scalable, Fault Tolerant Multimedia Stream Caching Schemes," Scalability and Traffic Control in IP Networks, Proceedings of SPIE Vol. 4526, (2001); pp. 68-86.	
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th		CAMARILLO, G., et al., "Grouping of Media Lines in the Session Description Protocol (SDP)," Network Working Group Request for Comments: 3388, The Internet Society, December 2002, pp. 1-21.	
th		HANDLEY, M., et al., "SDP: Session Description Protocol," Network Working Group Request for Comments: 2327, The Internet Society, April 1998, pp. 1-42.	
th		"Advanced Systems Format (ASF) Specification," Revision 01.20.01e, Microsoft Corp., September 2003, pp. i-vi and 1-93.	
th		SCHULZRINNE, H., et al., "RTP: A Transport Protocol for Real-Time Applications," Network Working Group Request for Comments: 3550, July 2003, pp. 1-104.	
th		MUUSS, M., "The Story of the PING Program," October 18, 1999, retrieved on 4/6/04 from the Internet Archive at < <a href="http://web.archive.org/web/1999101825218/ftp.arl.mil/~mike/ping.htm">http://web.archive.org/web/1999101825218/ftp.arl.mil/~mike/ping.htm</a> >, 3 pages.	

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<b>Sheet</b>	4	<b>of</b>	4
		<b>Application Number</b>	10/609,329
		<b>Filing Date</b>	Jun 27, 2003
		<b>First Named Inventor</b>	Batterberry
		<b>Group Art Unit</b>	2857 2863
		<b>Examiner Name</b>	GHARLOUI, MOHAMED
		<b>Attorney Docket Number</b>	MS1-1479US

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th		MUUSS, M., "The Research Interests of Mike Muuss," October 8, 1999, retrieved on 4/6/04 from the Internet Archive at < <a href="http://web.archive.org/web/19991008020453/ftp.arl.mil/~mike/">http://web.archive.org/web/19991008020453/ftp.arl.mil/~mike/</a> >, 2 pages.	
TL		FIELDING R. et al, "Hypertext Transfer Protocol – HTTP/1.1," Network Working Group Request for Comments: 2616; The Internet Society (June 1999); Category: Standards Track. pp. 1-176.	
th		SCHULZRINNE, H., et al, "Real Time Streaming Protocol (RTSP)," Network Working Group Request for Comments: 2326; The Internet Society (April 1998). pp. 1-92.	
Th		JIN, S., et al. "Accelerating Internet Streaming Media Delivery using Network-Aware Partial Caching," 2002 IEEE, pp. 153-160.	

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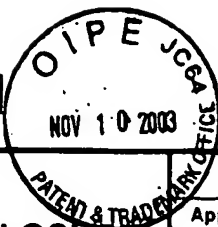
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Substitute for form 1449B/PTO			<i>Complete if Known</i>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/609,329	
			Filing Date	Jun 27, 2003	
			First Named Inventor	Batterberry	
			Group Art Unit	2863	
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	MS1-1479US

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TL		LAI, BAKER, "Measuring Bandwidth", INFOCOM'99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. IEEE New York, NY, 21-25 March 1999, (1999-03-21) pages 235-245		
TL		MINSHALL G et al. "Application performance pitfalls and TCP's Nagle algorithm", vol. 27, No. 4, pages 36-44, XP002233094 Performance Evaluation Review, March 2000, ACM		
Th		HAYES D A et al; "Impact of FLOW Control on Quality of service driven packet scheduling disciplines"; Control Applications, 1999. Proceedings of the 1999 IEEE International Conference on Control Applications; Kohala Coast, HI 22 August 1999; pp. 1454-1459		
		NISHIDA Y et al; "Congestion Control Mechanism for TCP with Packet Pair Scheme"; IEICE Transactions on Information and Systems, Institute of Electronics Information and Comm. Egn. Tokyo, JP, vol. E82-D, no. 4, April 1999 pp 854-862		
		"Performance Considerations for TCP/IP in Wide Area Networks", Khalil et al., IEEE, 1994, pgs 166-176.		
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Th		"A Mathematical Theory of Communication", Shannon, C.E., The Bell System Technical Journal, Vol. 27, pp. 379-423, 623-656, (pgs renumbered as 1-55), July, October, 1948.		
th		"TAPI 3.0 Connection and Media Services", Microsoft Windows 2000 Server, Copyright 1999, pgs 1-23.		

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<b>Filing Date</b>	Jun 27, 2003
<b>First Named Inventor</b>	Batterberry
<b>Group Art Unit</b>	2863
<b>Examiner Name</b>	

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Sheet	1	of	2	Attorney Docket Number	MS1-1479US
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